



## CITY OF HAYWARD AGENDA REPORT

AGENDA DATE 7/25/00

AGENDA ITEM 15

WORK SESSION ITEM           

**TO:** Mayor and City Council

**FROM:** Director of Public Works

**SUBJECT:** Harder Road Grade Separation Project: Approval of Addenda Nos. 1 and 2, Execution of **Revised** Agreement for Resident Engineer Services, Award of Contract, and Appropriation of Funds

### **RECOMMENDATION:**

It is recommended that the City Council approve the attached resolutions that:

- 1) Approve Addenda Nos. 1 and 2;
- 2) Authorize the City Manager to execute an agreement with URS Greiner for Resident Structural Engineer services in an **amount** not to exceed \$160,000;
- 3) Award the contract to **DeSilva** Gates-Harris Joint Venture, in the amount of **\$6,796,457**; and
- 4) Appropriates an additional **\$1,370,000** to complete the project.

### **BACKGROUND:**

On April 18, 2000, Council approved the plans and specifications for the subject project and called for bids to be received **after** reviewing the project and receiving a detailed staff report. Addenda Nos. 1 and 2 made minor modifications to the plans and specifications for clarification. Copies of the addendums are available for review in the office of the City Clerk. The work, in summary, consists of construction of an underpass of the Union Pacific Railroad crossing, relocation of a major flood control channel, improvement of Lund Avenue and **construction** of a temporary detour, temporary railroad track, and extensive landscaping.

Bids were opened on June 1, 2000. Five bids were received. A joint venture of **DeSilva** Gates and R.M. Harris submitted the low bid in the amount of **\$6,796,457**, which is 25 percent higher than the Engineer's Estimate of **\$5,452,037**. Parnum Paving, Inc. submitted the second low bid in the amount of **\$7,028,969**, which is 29 percent higher than the Engineer's Estimate. The bids ranged from **\$6,796,457** to **\$8,740,134**.

The consultant engineering firm of Rivett, Martin & Olson analyzed the bids received and offered several reasons for the higher than estimated prices. Some items, such as Roadway **Excavation** and **Furnish Precast**, Prestressed Concrete Girders, were errors in the engineer's estimate and the bids were realistic. Bar Reinforcing Steel costs appear to have recently

increased dramatically, so the bids for **this** item were also realistic. They saw no. specific explanation for the high bids for Reinforced Concrete **Wingwalls**, Structure Backfill, and Bridge Structural Concrete. Generally, the engineering consultant suggested that additional possible reasons for the high bids were: 1) business is booming, so contractors may have included a higher profit margin, 2) contractors may have been concerned about the high water table, and 3) contractors may have incorporated additional costs because the work area within the right-of-way is very tight and would require more labor-intensive handwork. The engineering consultant and staff's opinion is that readvertising the project will not result in significantly lower bids and might actually result in higher bids.

In looking at ways to reduce the overall cost of the project, staff consulted with **the** Union Pacific Railroad (UPRR) about the possibility of not constructing the second bridge, which the railroad had required to satisfy anticipated future needs. At this time, the UPRR is negotiating with the Capitol Corridor Joint Powers Agency to lay a second railroad track through this region, sometime in the future, in order to add additional train service on the Capitol Corridor line. Contact with the director of the Capital Corridor Joint Power Agency confirmed that they were definitely interested in keeping the second bridge to the extent that they have now committed to provide \$550,000 to ensure the project is constructed and not delayed.

The Disadvantaged Business Enterprise (DBE) and Women Owned Business Enterprise (WBE) goals established for this project were ten and four percent, respectively. DeSilva Gates-Harris proposed to achieve 8.6 percent DBE and zero percent WBE. After review of their good faith effort submittal, staff recommends award to DeSilva Gates-Harris.

On April 18, 2000, the City Council also authorized the City Manager to negotiate and execute an agreement for Resident Structural Engineer services with Parsons Brinckherhoff Construction Services (PBCS). Staff was unable to reach a final agreement with PBCS. URS Greiner was staff's second choice based upon their proposed staff, their experience in similar grade separation bridge projects, and having former UPRR employees on their staff. Staff successfully negotiated a \$160,000 not-to-exceed consultant fee, including potential additional services.

## **PROJECT COSTS:**

Based on the low bid received, estimated costs for the project are:

Construction Cost	<b>\$6,796,457</b>
Fiber Optics Relocation	350,000
Right of Way	401,000
Design and Administration	930,543
Inspection, Survey, & Testing	200,000
Resident Structural Engineer	160,000
Total	<b><u>\$8,838,000</u></b>

#### FUNDING:

The adopted 2000/2001 Capital Improvement Program Budget includes a total of \$7,478,000 in the Gas Tax Fund and Street System Improvements Fund for the project. The budget includes \$5,000,000 in reimbursement from the State Grade Separation Funds and \$143,000 in reimbursement from Alameda County Flood Control for their share of the drainage improvement costs. An additional appropriation of \$1,370,000 is required to award the project. Additional funds will need to be reimbursed or transferred into the Street System Improvements Fund to cover this appropriation. With the \$550,000 reimbursement from the Joint Powers Agency, the remaining funding shortfall is \$820,000.

Fortunately, the Governor's recently adopted Transportation Plan includes \$200 million in 2000/2001 allocated to cities for street maintenance and rehabilitation. This is distributed based on population and, thus, the City's share of this one-time **funding** is estimated to be about \$920,000 in 2000/20001. Staff recommends, at this time, allocating the new state revenue to the Street System Improvements Fund in order to award the project.

#### SCHEDULE:

Award Contract  
Begin Work  
Open Detour  
Complete Work

July 25, 2000  
September 5, 2000  
November 7, 2000  
September 15, 2002


Prepared by:

  
Robert A. Bauman, Deputy Director of Public Works

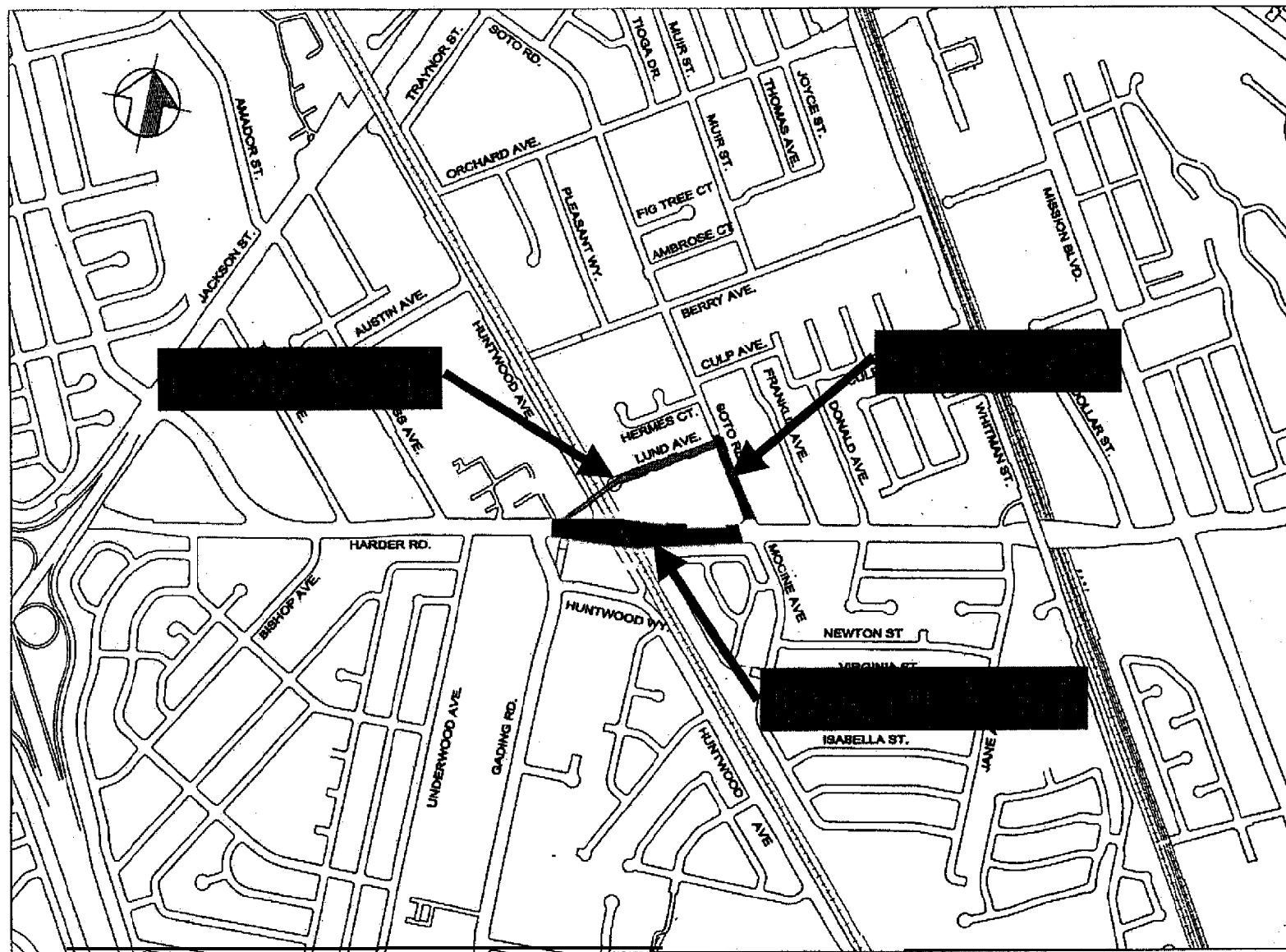
Recommended by:

  
Dennis L. Butler, Director of Public Works

Approved by:

  
Jesús Armas, City Manager

Attachments: Exhibit A: Summary of Bids  
Exhibit B: Location Map



**HARDER ROAD UNDERPASS  
LOCATION MAP**

**CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5195  
BIDS OPENED: JUNE 1, 2000**

(NUMBER OF BIDS RECEIVED - 5)

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Exhibit B

BID SUMMARY				ENGINEER'S ESTIMATE		DESILVA GATES-HARRIS 11555 DUBLIN BLVD. DUBLIN, CA 94568 (925) 829-9220		PARNUM PAVING, INC. 10661 OLD REDWOOD HWY WINDSOR, CA 95492 (707) 433-0299	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			<b>ROADWAY AND DRAINAGE</b>						
1	1	LS	MOBILIZATION	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
2	1	LS	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	15,000.00	15,000.00	1,000.00	1,000.00	5,000.00	5,000.00
3	1	LS	WATER POLLUTION CONTROL	35,000.00	35,000.00	15,000.00	15,000.00	20,000.00	20,000.00
4	1	LS	TEMPORARY PARKING AREA	10,000.00	10,000.00	5,000.00	5,000.00	32,000.00	32,000.00
5	5	EA	TYPE II BARRICADE	150.00	750.00	100.00	500.00	200.00	1,000.00
6	50	EA	TYPE III BARRICADE	150.00	7,500.00	100.00	5,000.00	300.00	15,000.00
7	34	EA	CHANNELIZER (SURFACE MOUNTED)	50.00	1,700.00	50.00	1,700.00	40.00	1,360.00
8	46	EA	PORTABLE FLASHING BEACONS	575.00	26,450.00	500.00	23,000.00	250.00	11,500.00
9	160	LF	TEMPORARY RAILING (TYPE K)	25.00	4,000.00	100.00	16,000.00	35.00	5,600.00
10	14	EA	TEMPORARY CRASH CUSHION MODULE	600.00	8,400.00	500.00	7,000.00	300.00	4,200.00
11	1	LS	CONSTRUCTION AREA SIGNS (INCLUDING DETOUR SIGNS)	5,000.00	5,000.00	10,000.00	10,000.00	2,000.00	2,000.00
12	1	LS	SHEETING, SHORING, AND BRACING	250,000.00	250,000.00	350,000.00	350,000.00	175,000.00	175,000.00
13	1,007	LF	REMOVE FENCE	5.00	5,035.00	10.00	10,070.00	6.00	6,042.00
14	192	LF	RECONSTRUCT CHAIN LINK FENCE	15.00	2,880.00	20.00	3,840.00	9.00	1,728.00
15	1	EA	RELOCATE CHAIN LINK GATE	300.00	300.00	1,000.00	1,000.00	500.00	500.00
16	2,377	SY	REMOVE ASPHALT PAVEMENT	10.00	23,770.00	10.00	23,770.00	3.00	7,131.00
17	325	LF	REMOVE PIPE LINES	25.00	8,125.00	20.00	6,500.00	15.00	4,875.00
18	7	EA	REMOVE DRAINAGE INLET	700.00	4,900.00	1,000.00	7,000.00	500.00	3,500.00
19	150	LF	REMOVE REINFORCED CONCRETE BOX CULVERT (INCLUDING HEADWALLS & WINGWALLS)	70.00	10,500.00	-100.00	15,000.00	140.00	21,000.00
20	2	EA	REMOVE STORM DRAIN MANHOLE	1,200.00	2,400.00	1,000.00	2,000.00	500.00	1,000.00
21	50	SY	REMOVE GROUTED RIP-RAP	10.00	500.00	20.00	1,000.00	30.00	1,500.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
22	215	SY	REMOVE CONCRETE PAD FOUNDATION AND FOOTINGS	15.00	3,225.00	20.00	4,300.00	18.00	3,870.00
23	2,392	LF	REMOVE CONCRETE CURB	3.00	7,176.00	5.00	11,960.00	5.00	11,960.00
24	2,534	LF	REMOVE CONCRETE CURB & GUTTER	4.00	10,136.00	5.00	12,670.00	5.00	12,670.00
25	1,237	SY	REMOVE CONCRETE SIDEWALK	8.00	9,896.00	10.00	12,370.00	5.00	6,185.00
26	285	SY	REMOVE CONCRETE BRIDGE SLAB AND FOOTINGS	25.00	7,125.00	20.00	5,700.00	35.00	9,975.00
27	50	LF	REMOVE CONCRETE LINED TRAPEZOIDAL CHANNEL	100.00	5,000.00	100.00	5,000.00	65.00	3,250.00
28	125	SY	REMOVE CONCRETE DRIVEWAY APPROACH	8.00	1,000.00	20.00	2,500.00	11.00	1,375.00
29	45	SY	REMOVE CONCRETE PAVEMENT	8.00	360.00	20.00	900.00	12.00	540.00
30	23	EA	REMOVE ROADSIDE SIGN	100.00	2,300.00	100.00	2,300.00	100.00	2,300.00
31	1	EA	RELOCATE EXISTING SIGN	500.00	500.00	2,500.00	2,500.00	300.00	300.00
32	2	EA	ADJUST SEWER MANHOLE FRAME AND COVER TO GRADE	500.00	1,000.00	500.00	1,000.00	500.00	1,000.00
33	233	SY	COLD PLANE ASPHALT CONCRETE PAVEMENT	5.00	1,165.00	10.00	2,330.00	20.00	4,660.00
34	1	LS	CLEARING & GRUBBING	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
35	50,200	CY	ROADWAY EXCAVATION	7.00	351,400.00	12.00	602,400.00	14.45	725,390.00
35A	420	CY	CHANNEL EXCAVATION	7.00	2,940.00	25.00	10,500.00	30.00	12,600.00
36	1	LS	SHOOFLY GRADING, SHORING, AND REMOVAL	180,000.00	180,000.00	220,000.00	220,000.00	182,000.00	182,000.00
37	600	CY	ROADWAY PERMEABLE MATERIAL (CLASS 1, TYPE A)	40.00	24,000.00	35.00	21,000.00	60.00	36,000.00
38	8,485	CY	AGGREGATE BASE (CLASS 2)	22.00	186,670.00	35.00	296,975.00	39.00	330,915.00
39	27	TON	SLURRY SEAL (TYPE II)	100.00	2,700.00	500.00	13,500.00	400.00	10,800.00
40	4,099	TON	ASPHALT CONCRETE (TYPE A)	55.00	225,445.00	50.00	204,950.00	50.00	204,950.00
41	3,680	SF	MINOR CONCRETE (DRIVEWAY PAVEMENT)	7.50	27,600.00	3.00	11,040.00	3.40	12,512.00
42	3,060	SF	MINOR CONCRETE (DRIVEWAY)	8.00	24,480.00	3.00	9,180.00	4.40	13,464.00

**CITY OF HAYWARD**  
**HARDER ROAD UNDERPASS**  
**PROJECT NO. 5195**  
**BIDS OPENED: JUNE 1, 2000**

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BID SUMMARY				ENGINEER'S ESTIMATE		DESILVA GATES-HARRIS 11555 DUBLIN BLVD. DUBLIN, CA 94568 (925) 829-9220		PARNUM PAVING, INC. 10661 OLD REDWOOD HWY WINDSOR, CA 95492 (707) 433-0299	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
43	635	LF	MINOR CONCRETE (RETAINING WALL GUTTER)	10.00	6,350.00	20.00	12,700.00	14.00	8,890.00
44	2,433	LF	MINOR CONCRETE (ISLAND CURB 6" CF)	8.00	19,464.00	10.00	24,330.00	8.00	19,464.00
45	30	LF	MINOR CONCRETE (ISLAND CURB 8" CF)	8.00	240.00	12.00	360.00	19.00	570.00
46	3,937	LF	MINOR CONCRETE (CURB & GUTTER)	11.00	43,307.00	12.00	47,244.00	11.00	43,307.00
47	120	LF	MINOR CONCRETE (MODIFIED CURB & GUTTER)	20.00	2,400.00	75.00	9,000.00	100.00	12,000.00
48	365	LF	MINOR CONCRETE (MODIFIED STANDARD ISLAND CURB)	20.00	7,300.00	50.00	18,250.00	43.00	15,695.00
49	2	EA	MINOR CONCRETE (GUTTER DEPRESSION - CALTRANS D78)	500.00	1,000.00	500.00	1,000.00	325.00	650.00
50	5	EA	MINOR CONCRETE (GUTTER FLARE - CITY STD)	500.00	2,500.00	500.00	2,500.00	290.00	1,450.00
51	8,900	SF	MINOR CONCRETE (SIDEWALK)	5.50	48,950.00	3.00	26,700.00	3.05	27,145.00
52	293	SF	MINOR CONCRETE (CURB RAMP)	8.50	2,490.50	3.00	879.00	4.00	1,172.00
53	746	SF	MINOR CONCRETE (VALLEY GUTTER)	6.50	4,849.00	3.50	2,611.00	8.00	5,968.00
54	3,555	SQFT	12" WIDE CONCRETE MAINTENANCE STRIP	7.50	26,662.50	8.00	28,440.00	5.00	17,775.00
55	803	LF	REINFORCED CONCRETE BOX CULVERT	550.00	441,650.00	450.00	361,350.00	818.00	656,854.00
56	1	EA	REINFORCED CONCRETE JUNCTION BOX	10,000.00	10,000.00	7,000.00	7,000.00	23,000.00	23,000.00
57	1	EA	REINFORCED CONCRETE WINGWALL IL = 30'1	2,500.00	2,500.00	15,000.00	15,000.00	32,000.00	32,000.00
58	1	EA	REINFORCED CONCRETE WINGWALL (L = 32')	3,500.00	3,500.00	15,000.00	15,000.00	36,000.00	36,000.00
59	2,083	CY	STRUCTURE BACKFILL (BOX CULVERT)	25.00	52,075.00	80.00	166,640.00	55.00	114,565.00
60	7,330	SY	ENGINEERING FILTER FABRIC	2.00	14,660.00	1.00	7,330.00	0.60	4,398.00

**CITY OF HAYWARD**  
**HARDER ROAD UNDERPASS**  
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BID SUMMARY				ENGINEER'S ESTIMATE		DESILVA GATES-HARRIS 11555 DUBLIN BLVD. DUBLIN, CA 94568 (5325) 829-9220		FARNUM PAVING, INC. 10661 OLD REDWOOD HWY WINDSOR, CA 95492 (707) 433-0299	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
61	65	EA	CONCRETE PARKING BUMPERS	50.00	3,250.00	40.00	2,600.00	30.00	1,950.00
62	50	LF	12" RCP (CLASS IV)	30.00	1,500.00	100.00	5,000.00	88.00	4,400.00
63	59	LF	18" RCP (CLASS IV)	100.00	5,900.00	125.00	7,375.00	117.00	6,903.00
64	205	LF	24" RCP (CLASS IV)	50.00	10,250.00	75.00	15,375.00	117.00	23,985.00
65	121	LF	36" RCP (CLASS IV)	70.00	8,470.00	100.00	12,100.00	102.00	12,342.00
66	106	LF	66" RCP (CLASS IV)	100.00	10,600.00	500.00	53,000.00	230.00	24,380.00
67	2,200	LF	6" PERFORATED PVC UNDERDRAIN (WITH SADDLE CONNECTIONS, FILTER FABRIC, PERMEABLE MATERIAL & CLEANOUT)	20.00	44,000.00	20.00	44,000.00	49.00	107,800.00
68	490	LF	4" PERFORATED PVC MEDIAN DRAIN (WITH FILTER FABRIC, DRAINAGE ELEMENT, PERM.MAT., & CONNECTIONS)	10.00	4,900.00	20.00	9,800.00	27.00	13,230.00
69	1	EA	DOWNDRAIN BOX (12" X 18")	2,000.00	2,000.00	1,000.00	1,000.00	900.00	900.00
70	2	EA	TYPE "GO" INLET	5,000.00	10,000.00	3,000.00	6,000.00	3,000.00	6,000.00
71	5	EA	AREA DRAIN PER CITY STD	1,000.00	5,000.00	3,000.00	15,000.00	900.00	4,500.00
72	4	EA	12"X18" DRAIN BOX	1,000.00	4,000.00	1,500.00	6,000.00	900.00	3,600.00
73	5	EA	TYPE "A" INLET	3,000.00	15,000.00	2,500.00	12,500.00	2,000.00	10,000.00
74	1	EA	TYPE "D" INLET	3,000.00	3,000.00	2,000.00	2,000.00	1,300.00	1,300.00
75	3	EA	STORM DRAIN MANHOLE	3,500.00	10,500.00	5,000.00	15,000.00	3,500.00	10,500.00
76	3	EA	STORM DRAIN MANHOLE (BOX CULVERT)	3,000.00	9,000.00	500.00	1,500.00	1,100.00	3,300.00
77	1	LS	SLOPED PROTECTION BARRIER	5,000.00	5,000.00	6,500.00	6,500.00	7,600.00	7,600.00
78	950	LF	CHAIN LINK FENCE (3' HIGH - VINYL CLAD)	12.00	11,400.00	10.00	9,500.00	10.00	9,500.00
79	220	LF	CHAIN LINK FENCE (6' HIGH - UNCLAD)	12.00	2,640.00	20.00	4,400.00	12.00	2,640.00
80	565	LF	CHAIN LINK FENCE (6' HIGH - VINYL CLAD)	15.00	8,475.00	15.00	8,475.00	14.00	7,910.00



CITY OF HAYWARD  
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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
81	2	EA	CHAIN LINK GATE (3' WIDE, VINYL CLAD)	125.00	250.00	750.00	1,500.00	500.00	1,000.00
82	3	EA	CHAIN LINK GATE (12' WIDE, VINYL CLAD)	500.00	1,500.00	1,250.00	3,750.00	1,000.00	3,000.00
83	2	EA	CHAIN LINK GATE (18' WIDE, VINYL CLAD)	800.00	1,600.00	1,750.00	3,500.00	1,700.00	3,400.00
84	1	EA	CHAIN LINK GATE (30' WIDE, VINYL CLAD)	1,000.00	1,000.00	2,500.00	2,500.00	2,400.00	2,400.00
85	264	LF	WOOD FENCE (4' HIGH)	18.00	4,752.00	50.00	13,200.00	38.00	10,032.00
86	40	LF	WOOD FENCE (6' HIGH)	20.00	800.00	100.00	4,000.00	39.00	1,560.00
87	1	LS	CONCRETE PANEL SOUNDWALL (10' HIGH)	30,000.00	30,000.00	10,000.00	10,000.00	5,000.00	5,000.00
88	28	EA	ROADSIDE SIGN (1 POST)	200.00	5,600.00	150.00	4,200.00	220.00	6,160.00
89	1	EA	ROADSIDE SIGN (2 POST)	500.00	500.00	300.00	300.00	475.00	475.00
90	2	EA	ROADSIDE SIGN (TYPE 33 W/ SIGN PANELS)	5,000.00	10,000.00	500.00	1,000.00	300.00	600.00
91	781	SF	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	4.00	3,124.00	5.00	3,905.00	5.00	3,905.00
92	8,605	LF	PAINT TRAFFIC STRIPE AND PARKING LOT STRIPING (2-COAT)	2.00	17,210.00	1.40	12,047.00	1.40	12,047.00
93	97	EA	PAVEMENT MARKER (REFLECTIVE)	5.00	485.00	10.00	970.00	8.00	776.00
94	50	EA	PAVEMENT MARKER (NON- REFLECTIVE)	5.00	250.00	5.00	250.00	4.00	200.00
95	452	LF	REDWOOD HEADER	3.00	1,356.00	10.00	4,520.00	8.00	3,616.00
96	53	CY	ROCK SLOPE PROTECTION (FACING, METHOD B)	50.00	2,650.00	100.00	5,300.00	98.00	5,194.00
			BRIDGE AND RETAINING WALLS						
97	1,700	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	85,000.00	150.00	255,000.00	80.00	136,000.00
98	1,530	CY	STRUCTURE EXCAVATION (RETAINING WALL)	35.00	53,550.00	150.00	229,500.00	60.00	91,800.00
99	700	CY	STRUCTURE BACKFILL (BRIDGE)	39.20	27,440.00	80.00	56,000.00	52.00	36,400.00

CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5 195  
BIDS OPENED: JUNE 1, 2000

(NUMBER OF BIDS RECEIVED - 5)

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100	1,050	CY	STRUCTURE BACKFILL (RETAINING WALL)	21.00	22,050.00	50.00	52,500.00	52.00	54,600.00
101	4,903	LF	FURNISH PILING (CLASS 100)	16.00	78,448.00	10.00	49,030.00	10.00	49,030.00
102	144	EA	DRIVE PILE (CLASS 100)	1,060.00	152,640.00	1,250.00	180,000.00	1,100.00	158,400.00
103	2,331	LF	FURNISH PILING (CLASS 70)	9.60	22,377.60	8.00	18,648.00	8.00	18,648.00
104	54	EA	DRIVE PILE (CLASS 70)	970.00	52,380.00	800.00	43,200.00	1,100.00	59,400.00
105	3,286	LF	FURNISH PILING (CLASS 45)	8.70	28,588.20	8.00	26,288.00	8.00	26,288.00
106	90	EA	DRIVE PILE (CLASS 45)	890.00	80,100.00	600.00	54,000.00	1,100.00	99,000.00
107	754	CY	STRUCTURAL CONCRETE, BRIDGE FOOTING	270.00	203,580.00	250.00	188,500.00	360.00	271,440.00
108	561	CY	STRUCTURAL CONCRETE, BRIDGE	300.00	168,300.00	400.00	224,400.00	453.00	254,133.00
109	510	CY	STRUCTURAL CONCRETE, RETAINING WALL	310.00	158,100.00	340.00	173,400.00	350.00	178,500.00
110	16	EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (60'-70')	4,500.00	72,000.00	15,000.00	240,000.00	14,100.00	225,600.00
110A	16	EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (28'-30')	4,500.00	72,000.00	7,500.00	120,000.00	7,130.00	114,080.00
111	32	EA	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	2,000.00	64,000.00	1,000.00	32,000.00	4,011.00	128,352.00
112	203,000	LB	BAR REINFORCING STEEL (BRIDGE)	0.52	105,560.00	0.80	162,400.00	0.77	156,310.00
113	41,500	LB	BAR REINFORCING STEEL (RETAINING WALL)	0.46	19,090.00	0.60	24,900.00	0.60	24,900.00
114	5,952	SQFT	WATERPROOFING AND COVER	4.10	24,403.20	5.00	29,760.00	3.00	17,856.00
115	6,400	LB	MISCELLANEOUS METAL (BRIDGE)	3.50	22,400.00	8.00	51,200.00	9.00	57,600.00
116	50	CY	SLOPE PAVING (CONCRETE)	350.00	17,500.00	450.00	22,500.00	800.00	40,000.00
117	460	LF	CHAIN LINK RAILING (TYPE 7)	32.00	14,720.00	30.00	13,800.00	38.00	17,480.00
118	1	LS	PUMP STATION	160,000.00	160,000.00	200,000.00	200,000.00	128,000.00	128,000.00
119	67	LF	10" ACP DRAINAGE PIPE	100.00	6,700.00	125.00	8,375.00	90.00	6,030.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			SIGNALS, LIGHTING, AND ELECTRICAL SYSTEMS						
120	1	LS	LIGHTING	50,000.00	50,000.00	25,000.00	25,000.00	31,000.00	31,000.00
121	1	LS	TEMPORARY TRAFFIC SIGNAL SYSTEM (LUND/SOTO)	60,000.00	60,000.00	150,000.00	150,000.00	65,000.00	65,000.00
122	1	LS	SIGNAL INTERCONNECT CONDUIT, PULLBOXES, & CONDUCTORS	26,000.00	26,000.00	25,000.00	25,000.00	16,000.00	16,000.00
			TEMPORARY TRAFFIC SIGNAL MODIFICATIONS						
123	1	LS	(GADING/HARDER)	24,000.00	24,000.00	10,000.00	10,000.00	28,700.00	28,700.00
124	1	LS	TEMPORARY TRAFFIC SIGNAL MODIFICATIONS (SOTO/HARDER)	5,000.00	5,000.00	5,000.00	5,000.00	100.00	100.00
125	1	LS	ELECTRIC SERVICES (IRRIGATION)	7,500.00	7,500.00	1,000.00	1,000.00	10,000.00	10,000.00
			LANDSCAPE AND IRRIGATION						
126	1	LS	IRRIGATION	140,500.00	140,500.00	50,000.00	50,000.00	150,000.00	150,000.00
127	1	LS	LANDSCAPE	117,200.00	117,200.00	50,000.00	50,000.00	66,000.00	66,000.00
128	1	LS	PLANT ESTABLISHMENT (365 CALENDAR DAYS)	10,800.00	10,800.00	1,000.00	1,000.00	20,000.00	20,000.00
129	5	EA	IRRIGATION CONTROLLER ENCLOSURE CABINET	1,820.00	9,100.00	2,000.00	10,000.00	2,500.00	12,500.00
130	16	EA	TRANSPLANT EXISTING TREES	2,800.00	44,800.00	1,000.00	16,000.00	3,975.00	63,600.00
131	1	EA	MAINTENANCE VEHICLE PULLOUTS	6,000.00	6,000.00	4,000.00	4,000.00	5,400.00	5,400.00
132	4,890	SQFT	INTERLOCKING PAVING	7.50	36,675.00	10.00	48,900.00	10.50	51,345.00
133	26	EA	STEEL BOLLARDS	160.00	4,160.00	700.00	18,200.00	240.00	6,240.00
134	5	EA	BACKFLOW PREVENTER ASSEMBLY ENCLOSURE	1,990.00	9,950.00	500.00	2,500.00	2,300.00	11,500.00
135	1	EA	1" WYE STRAINER (INCLUDING BOX)	102.00	102.00	500.00	500.00	250.00	250.00
136	8	EA	1-1/4" WYE STRAINER (INCLUDING BOX)	120.00	960.00	500.00	4,000.00	250.00	2,000.00

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BID SUMMARY				ENGINEER'S ESTIMATE		DESILVA GATES-HARRIS 1 1 555 DUBLIN BLVD. DUBLIN CA 94568 (925) 829-9220		PARNUM PAVING, INC. 10661 OLD REDWOOD HWY WINDSOR CA 95492 (707) 433-0299	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
137	1	EA	1-1/2" WYE STRAINER (INCLUDING BOX)	160.00	160.00	750.00	750.00	250.00	250.00
			SEWER AND WATER						
138	2	EA	ABANDON SEWER LATERALS	1,000.00	2,000.00	1,500.00	3,000.00	400.00	800.00
139	3	EA	REMOVE SEWER LATERALS	1,000.00	3,000.00	2,500.00	7,500.00	900.00	2,700.00
140	5	EA	RECONNECT SEWER LATERALS	1,000.00	5,000.00	1,200.00	6,000.00	800.00	4,000.00
141	691	LF	8" PVC SEWER PIPE	30.00	20,730.00	100.00	69,100.00	72.00	49,752.00
142	860	LF	15" PVC SEWER PIPE	40.00	34,400.00	125.00	107,500.00	98.00	84,280.00
143	135	LF	15" DUCTILE IRON SEWER PIPE	75.00	10,125.00	150.00	20,250.00	120.00	16,200.00
144	.10	EA	48" PRECAST CONCRETE PIPE SEWER MANHOLE	5,000.00	50,000.00	4,000.00	40,000.00	5,300.00	53,000.00
145	2	EA	8" SANITARY SEWER CLEANOUT	1,500.00	3,000.00	2,000.00	4,000.00	800.00	1,600.00
146	845	LF	12" WATER PIPE	40.00	33,800.00	60.00	50,700.00	41.00	34,645.00
147	640	LF	6" WATER PIPE	30.00	19,200.00	45.00	28,800.00	90.00	57,600.00
148	7	EA	6" GATE VALVE	500.00	3,500.00	500.00	3,500.00	1,400.00	9,800.00
149	4	EA	12" GATE VALVE	800.00	3,200.00	1,000.00	4,000.00	2,500.00	10,000.00
150	1	EA	RECONSTRUCT WATER SERVICE	1,000.00	1,000.00	3,000.00	3,000.00	5,200.00	5,200.00
151	1	LS	ADMINISTRATIVE CHANGE ORDERS	360,000.00	360,000.00	360,000.00	360,000.00	360,000.00	360,000.00
			TOTAL		5,454,977.00		6,796,457.00		7,028,969.00

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TEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			<b>ROADWAY AND DRAINAGE</b>						
1	1	LS	MOBILIZATION	150,000.00	150,000.00	150,000.00	150,000.00	100,000.00	100,000.00
2	1	LS	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	15,000.00	15,000.00	500.00	500.00	5,000.00	5,000.00
3	1	LS	WATER POLLUTION CONTROL	35,000.00	35,000.00	12,000.00	12,000.00	40,000.00	40,000.00
4	1	LS	TEMPORARY PARKING AREA	10,000.00	10,000.00	50,000.00	50,000.00	50,000.00	50,000.00
5	5	EA	TYPE II BARRICADE	150.00	750.00	150.00	750.00	100.00	500.00
6	50	EA	TYPE III BARRICADE	150.00	7,500.00	113.00	5,650.00	125.00	6,250.00
7	34	EA	CHANNELIZER (SURFACE MOUNTED)	50.00	1,700.00	45.00	1,530.00	60.00	2,040.00
8	46	EA	PORTABLE FLASHING BEACONS	575.00	26,450.00	280.00	12,880.00	150.00	6,900.00
9	160	LF	TEMPORARY RAILING (TYPE K)	25.00	4,000.00	19.00	3,040.00	25.00	4,000.00
10	14	EA	TEMPORARY CRASH CUSHION MODULE	600.00	8,400.00	245.00	3,430.00	500.00	7,000.00
11	1	LS	CONSTRUCTION AREA SIGNS (INCLUDING DETOUR SIGNS)	5,000.00	5,000.00	15,000.00	15,000.00	3,000.00	3,000.00
12	1	LS	SHEETING, SHORING, AND BRACING	250,000.00	250,000.00	255,000.00	255,000.00	650,000.00	650,000.00
13	1,007	LF	REMOVE FENCE	5.00	5,035.00	7.00	7,049.00	7.00	7,049.00
14	192	LF	RECONSTRUCT CHAIN LINK FENCE	15.00	2,880.00	18.00	3,456.00	18.00	3,456.00
15	1	EA	RELOCATE CHAIN LINK GATE	300.00	300.00	1,500.00	1,500.00	1,500.00	1,500.00
16	2,377	SY	REMOVE ASPHALT PAVEMENT	10.00	23,770.00	20.00	47,540.00	6.00	14,262.00
17	325	LF	REMOVE PIPE LINES	25.00	8,125.00	10.00	3,250.00	25.00	8,125.00
18	7	EA	REMOVE DRAINAGE INLET	700.00	4,900.00	1,000.00	7,000.00	1,200.00	8,400.00
19	150	LF	REMOVE REINFORCED CONCRETE BOX CULVERT (INCLUDING HEADWALLS & WINGWALLS)	70.00	10,500.00	100.00	15,000.00	100.00	15,000.00
20	2	EA	REMOVE STORM DRAIN MANHOLE	1,200.00	2,400.00	1,500.00	3,000.00	1,000.00	2,000.00
21	50	SY	REMOVE GROUTED RIP-RAP	10.00	500.00	57.00	2,850.00	60.00	3,000.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
22	215	SY	REMOVE CONCRETE PAD FOUNDATION AND FOOTINGS	15.00	3,225.00	34.00	7,310.00	15.00	3,225.00
23	2,392	LF	REMOVE CONCRETE CURB	3.00	7,176.00	4.00	9,568.00	4.00	9,568.00
24	2,534	LF	REMOVE CONCRETE CURB & GUTTER	4.00	10,136.00	5.00	12,670.00	4.00	10,136.00
25	1,237	SY	REMOVE CONCRETE SIDEWALK	8.00	9,896.00	10.00	12,370.00	6.00	7,422.00
26	285	SY	REMOVE CONCRETE BRIDGE SLAB AND FOOTINGS	25.00	7,125.00	4.00	1,140.00	25.00	7,125.00
27	50	LF	REMOVE CONCRETE LINED TRAPEZOIDAL CHANNEL	100.00	5,000.00	23.00	1,150.00	30.00	1,500.00
28	125	SY	REMOVE CONCRETE DRIVEWAY APPROACH	8.00	1,000.00	3.00	375.00	15.00	1,875.00
29	45	SY	REMOVE CONCRETE PAVEMENT	8.00	360.00	3.00	135.00	45.00	2,025.00
30	23	EA	REMOVE ROADSIDE SIGN	100.00	2,300.00	75.00	1,725.00	75.00	1,725.00
31	1	EA	RELOCATE EXISTING SIGN	500.00	500.00	200.00	200.00	150.00	150.00
32	2	EA	ADJUST SEWER MANHOLE FRAME AND COVER TO GRADE	500.00	1,000.00	500.00	1,000.00	500.00	1,000.00
33	233	SY	COLD PLANE ASPHALT CONCRETE PAVEMENT	5.00	1,165.00	17.00	3,961.00	15.00	3,495.00
34	1	LS	CLEARING & GRUBBING	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
35	50,200	CY	ROADWAY EXCAVATION	7.00	351,400.00	6.10	306,220.00	11.00	552,200.00
35A	420	CY	CHANNEL EXCAVATION	7.00	2,940.00	45.00	18,900.00	25.00	10,500.00
36	1	LS	SHOOFLY GRADING, SHORING, AND REMOVAL	180,000.00	180,000.00	150,000.00	150,000.00	500,000.00	500,000.00
37	600	CY	ROADWAY PERMEABLE MATERIAL (CLASS 1, TYPE A)	40.00	24,000.00	25.00	15,000.00	60.00	36,000.00
38	8,485	CY	AGGREGATE BASE (CLASS 2)	22.00	186,670.00	20.00	169,700.00	30.00	254,550.00
39	27	TON	SLURRY SEAL (TYPE II)	100.00	2,700.00	245.00	6,615.00	500.00	13,500.00
40	4,099	TON	ASPHALT CONCRETE (TYPE A)	55.00	225,445.00	40.00	163,960.00	50.00	204,950.00
41	3,680	SF	MINOR CONCRETE (DRIVEWAY PAVEMENT)	7.50	27,600.00	2.00	7,360.00	3.15	11,592.00
42	3,060	SF	MINOR CONCRETE (DRIVEWAY)	8.00	24,480.00	2.00	6,120.00	3.15	9,639.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
43	635	LF	MINOR CONCRETE (RETAINING WALL GUTTER)	10.00	6,350.00	14.00	8,890.00	18.00	11,430.00
44	2,433	LF	MINOR CONCRETE (ISLAND CURB 6" CF)	8.00	19,464.00	8.00	19,464.00	11.50	27,979.50
45	30	LF	MINOR CONCRETE (ISLAND CURB 8" CF)	8.00	240.00	4.50	135.00	12.00	360.00
46	3,937	LF	MINOR CONCRETE (CURB & GUTTER)	11.00	43,307.00	8.00	31,496.00	12.75	50,196.75
47	120	LF	MINOR CONCRETE (MODIFIED CURB & GUTTER)	20.00	2,400.00	70.00	8,400.00	18.00	2,160.00
48	365	LF	MINOR CONCRETE (MODIFIED STANDARD ISLAND CURB)	20.00	7,300.00	42.00	15,330.00	13.00	4,745.00
49	2	EA	MINOR CONCRETE (GUTTER DEPRESSION - CALTRANS D78)	500.00	1,000.00	395.00	790.00	500.00	1,000.00
50	5	EA	MINOR CONCRETE (GUTTER FLARE - CITY STD)	500.00	2,500.00	415.00	2,075.00	150.00	750.00
51	8,900	SF	MINOR CONCRETE (SIDEWALK)	5.50	48,950.00	1.50	13,350.00	3.00	26,700.00
52	293	SF	MINOR CONCRETE (CURB RAMP)	8.50	2,490.50	4.00	1,172.00	10.00	2,930.00
53	746	SF	MINOR CONCRETE (VALLEY GUTTER)	6.50	4,849.00	3.50	2,611.00	12.00	8,952.00
54	3,555	SQFT	12" WIDE CONCRETE MAINTENANCE STRIP	7.50	26,662.50	5.00	17,775.00	9.00	31,995.00
55	803	LF	REINFORCED CONCRETE BOX CULVERT	550.00	441,650.00	1,400.00	1,124,200.00	500.00	401,500.00
56	1	EA	REINFORCED CONCRETE JUNCTION BOX	10,000.00	10,000.00	4,300.00	4,300.00	7,500.00	7,500.00
57	1	EA	REINFORCED CONCRETE WINGWALL (L = 30')	2,500.00	2,500.00	24,329.00	24,329.00	30,000.00	30,000.00
58	1'	EA	REINFORCED CONCRETE WINGWALL (L= 32')	3,500.00	3,500.00	24,800.00	24,800.00	30,000.00	30,000.00
59	2,083	CY	STRUCTURE BACKFILL (BOX CULVERT)	25.00	52,075.00	50.00	104,150.00	50.00	104,150.00
60	7,330	SY	ENGINEERING FILTER FABRIC	2.00	14,660.00	0.80	5,864.00	3.00	21,990.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
61	65	EA	CONCRETE PARKING BUMPERS	50.00	3,250.00	35.00	2,275.00	75.00	4,875.00
62	50	LF	12" RCP (CLASS IV)	30.00	1,500.00	40.00	2,000.00	75.00	3,750.00
63	59	LF	18" RCP (CLASS IV)	100.00	5,900.00	42.00	2,478.00	90.00	5,310.00
64	205	LF	24" RCP (CLASS IV)	50.00	10,250.00	77.00	15,785.00	100.00	20,500.00
65	121	LF	36" RCP (CLASS IV)	70.00	8,470.00	110.00	13,310.00	125.00	15,125.00
66	106	LF	66" RCP (CLASS IV)	100.00	10,600.00	480.00	50,880.00	300.00	31,800.00
67	2,200	LF	6" PERFORATED PVC UNDERDRAIN (WITH SADDLE CONNECTIONS, FILTER FABRIC, PERMEABLE MATERIAL & CLEANOUT)	20.00	44,000.00	16.00	35,200.00	20.00	44,000.00
68	490	LF	4" PERFORATED PVC MEDIAN DRAIN (WITH FILTER FABRIC, DRAINAGE ELEMENT, PERM.MAT., & CONNECTIONS)	10.00	4,900.00	20.00	9,800.00	20.00	9,800.00
69	1	EA	DOWNDRAIN BOX (12" X 18")	2,000.00	2,000.00	1,200.00	1,200.00	2,500.00	2,500.00
70	2	EA	TYPE "GO" INLET	5,000.00	10,000.00	2,000.00	4,000.00	1,500.00	3,000.00
71	5	EA	AREA DRAIN PER CITY STD	1,000.00	5,000.00	740.00	3,700.00	1,500.00	7,500.00
72	4	EA	12"X18" DRAIN BOX	1,000.00	4,000.00	800.00	3,200.00	1,000.00	4,000.00
73	5	EA	TYPE "A" INLET	3,000.00	15,000.00	2,800.00	14,000.00	1,700.00	8,500.00
74	1	EA	TYPE "D" INLET	3,000.00	3,000.00	2,000.00	2,000.00	1,900.00	1,900.00
75	3	EA	STORM DRAIN MANHOLE	3,500.00	10,500.00	2,600.00	7,800.00	5,000.00	15,000.00
76	3	EA	STORM DRAIN MANHOLE (BOX CULVERT)	3,000.00	9,000.00	3,100.00	9,300.00	3,500.00	10,500.00
77	1	LS	SLOPED PROTECTION BARRIER	5,000.00	5,000.00	6,000.00	6,000.00	5,000.00	5,000.00
78	950	LF	CHAIN LINK FENCE (3' HIGH - VINYL CLAD)	12.00	11,400.00	17.00	16,150.00	12.00	11,400.00
79	220	LF	CHAIN LINK FENCE (6' HIGH - UNCLAD)	12.00	2,640.00	20.00	4,400.00	20.00	4,400.00
80	565	LF	CHAIN LINK FENCE (6' HIGH - VINYL CLAD)	15.00	8,475.00	15.00	8,475.00	15.00	8,475.00



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BID SUMMARY				ENGINEER'S ESTIMATE		RGW CONSTRUCTION, INC. 43801 OSGOOD ROAD FREMONT, CA 94539 (510) 490-1070		FCI CONSTRUCTORS, INC. 90 GREAT OAKS BL., STE 105 SAN JOSE, CA 95119 (408) 227-2735	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
81	2	EA	CHAIN LINK GATE (3' WIDE, VINYL CLAD)	125.00	250.00	700.00	1,400.00	700.00	1,400.00
82	3	EA	CHAIN LINK GATE (12' WIDE, VINYL CLAD)	500.00	1,500.00	1,200.00	3,600.00	1,200.00	3,600.00
83	2	EA	CHAIN LINK GATE (18' WIDE, VINYL CLAD)	800.00	1,600.00	1,600.00	3,200.00	1,600.00	3,200.00
84	1	EA	CHAIN LINK GATE (30' WIDE, VINYL CLAD)	1,000.00	1,000.00	2,500.00	2,500.00	2,500.00	2,500.00
85	264	LF	WOOD FENCE (4' HIGH)	18.00	4,752.00	50.00	13,200.00	50.00	13,200.00
86	40	LF	WOOD FENCE (6' HIGH)	20.00	800.00	100.00	4,000.00	100.00	4,000.00
87	1	LS	CONCRETE PANEL SOUNDWALL (10' HIGH)	30,000.00	30,000.00	25,000.00	25,000.00	5,000.00	5,000.00
88	28	EA	ROADSIDE SIGN (1 POST)	200.00	5,600.00	220.00	6,160.00	150.00	4,200.00
89	1	EA	ROADSIDE SIGN (2 POST)	500.00	500.00	475.00	475.00	175.00	175.00
90	2	EA	ROADSIDE SIGN (TYPE 33 W/ SIGN PANELS)	5,000.00	10,000.00	400.00	800.00	1,000.00	2,000.00
91	781	SF	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	4.00	3,124.00	4.00	3,124.00	15.00	11,715.00
92	8,605	LF	PAINT TRAFFIC STRIPE AND PARKING LOT STRIPING (2-COAT)	2.00	17,210.00	1.40	12,047.00	0.15	1,290.75
93	97	EA	PAVEMENT MARKER (REFLECTIVE)	5.00	485.00	8.00	776.00	3.50	339.50
94	50	EA	PAVEMENT MARKER (NON-REFLECTIVE)	5.00	250.00	4.00	200.00	3.00	150.00
95	452	LF	REDWOOD HEADER	3.00	1,356.00	5.00	2,260.00	8.00	3,616.00
96	53	CY	ROCK SLOPE PROTECTION (FACING, METHOD B)	50.00	2,650.00	80.00	4,240.00	80.00	4,240.00
			BRIDGE AND RETAINING WALLS						
97	1,700	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	85,000.00	140.00	238,000.00	50.00	85,000.00
98	1,530	CY	STRUCTURE EXCAVATION (RETAINING WALL)	35.00	53,550.00	140.00	214,200.00	20.00	30,600.00
99	700	CY	STRUCTURE BACKFILL (BRIDGE)	39.20	27,440.00	130.00	91,000.00	100.00	70,000.00

**CITY OF HAYWARD  
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BID SUMMARY				ENGINEER'S ESTIMATE		RGW CONSTRUCTION, INC. 43801 OSGOOD ROAD FREMONT, CA 94539 (510) 490-1070		FCICONSTRUCTORS, INC. 90 GREAT OAKS BL., STE 105 SAN JOSE, CA 95119 (408) 227-2735	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
100	1,050	CY	STRUCTURE BACKFILL (RETAINING WALL)	21.00	22,050.00	100.00	105,000.00	150.00	157,500.00
101	4,903	LF	FURNISH PILING (CLASS 100)	16.00	78,448.00	16.00	78,448.00	20.00	98,060.00
102	144	EA	DRIVE PILE (CLASS 100)	1,060.00	152,640.00	1,000.00	144,000.00	750.00	108,000.00
103	2,331	LF	FURNISH PILING (CLASS 70)	9.60	22,377.60	12.00	27,972.00	20.00	46,620.00
104	54	EA	DRIVE PILE (CLASS 70)	970.00	52,380.00	1,000.00	54,000.00	1,000.00	54,000.00
105	3,286	LF	FURNISH PILING (CLASS 45)	8.70	28,588.20	11.50	37,789.00	18.00	59,148.00
106	90	EA	DRIVE PILE (CLASS 45)	890.00	80,100.00	2,000.00	180,000.00	750.00	67,500.00
107	754	CY	STRUCTURAL CONCRETE, BRIDGE FOOTING	270.00	203,580.00	300.00	226,200.00	300.00	226,200.00
108	561	CY	STRUCTURAL CONCRETE, BRIDGE	300.00	168,300.00	360.00	201,960.00	800.00	448,800.00
109	510	CY	STRUCTURAL CONCRETE, RETAINING WALL	310.00	158,100.00	500.00	255,000.00	275.00	140,250.00
110	16	EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (60'-70')	4,500.00	72,000.00	15,000.00	240,000.00	10,000.00	160,000.00
160A		EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (28'-30')	4,500.00	72,000.00	8,000.00	128,000.00	14,000.00	224,000.00
111	2	EA	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	2,000.00	64,000.00	1,850.00	59,200.00	7,500.00	240,000.00
112	203,000	LB	BAR REINFORCING STEEL (BRIDGE)	0.52	105,560.00	0.60	121,800.00	0.80	162,400.00
113	41,500	LB	BAR REINFORCING STEEL (RETAINING WALL)	0.46	19,090.00	0.50	20,750.00	0.75	31,125.00
114	5,952	SQFT	WATERPROOFING AND COVER	4.10	24,403.20	5.00	29,760.00	8.00	47,616.00
115	6,400	LB	MISCELLANEOUS METAL (BRIDGE)	3.50	22,400.00	10.00	64,000.00	25.00	160,000.00
116	50	CY	SLOPE PAVING (CONCRETE)	350.00	17,500.00	465.00	23,250.00	600.00	30,000.00
117	460	LF	CHAIN LINK RAILING (TYPE 7)	32.00	14,720.00	38.00	17,480.00	32.00	14,720.00
118	1	LS	PIUMP STATION	160,000.00	160,000.00	157,000.00	157,000.00	200,000.00	200,000.00
119	67	LF	10" ACP DRAINAGE PIPE	100.00	6,700.00	40.00	2,680.00	75.00	5,025.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			SIGNALS, LIGHTING, AND ELECTRICAL SYSTEMS						
120	1	LS	LIGHTING	50,000.00	50,000.00	17,000.00	17,000.00	50,000.00	50,000.00
121	1	LS	TEMPORARY TRAFFIC SIGNAL SYSTEM (LUND/SOTO)	60,000.00	60,000.00	156,000.00	156,000.00	95,000.00	95,000.00
122	1	LS	SIGNAL INTERCONNECT CONDUIT, PULLBOXES, & CONDUCTORS	26,000.00	26,000.00	11,500.00	11,500.00	60,000.00	60,000.00
123	1	LS	TEMPORARY TRAFFIC SIGNAL MODIFICATIONS (GADING/HARDER)	24,000.00	24,000.00	17,000.00	17,000.00	10,000.00	10,000.00
124	1	LS	TEMPORARY TRAFFIC SIGNAL MODIFICATIONS (SOTO/HARDER)	5,000.00	5,000.00	80,000.00	80,000.00	7,500.00	7,500.00
125	1	LS	ELECTRIC SERVICES (IRRIGATION)	7,500.00	7,500.00	2,500.00	2,500.00	1,500.00	1,500.00
			LANDSCAPE AND IRRIGATION						
126	1	LS	IRRIGATION	140,500.00	140,500.00	147,500.00	147,500.00	130,000.00	130,000.00
127	1	LS	LANDSCAPE	117,200.00	117,200.00	7,400.00	7,400.00	50,000.00	50,000.00
128	1	LS	PLANT ESTABLISHMENT (365 CALENDAR DAYS)	10,800.00	10,800.00	15,000.00	15,000.00	5,000.00	5,000.00
129	5	EA	IRRIGATION CONTROLLER ENCLOSURE CABINET	1,820.00	9,100.00	2,250.00	11,250.00	2,000.00	10,000.00
130	16	EA	TRANSPLANT EXISTING TREES	2,800.00	44,800.00	850.00	13,600.00	900.00	14,400.00
131	1	EA	MAINTENANCE VEHICLE PULLOUTS	6,000.00	6,000.00	7,500.00	7,500.00	1,500.00	1,500.00
132	4,890	SQFT	INTERLOCKING PAVING	7.50	36,675.00	10.00	48,900.00	7.50	36,675.00
133	26	EA	STEEL BOLLARDS	160.00	4,160.00	238.00	6,188.00	650.00	16,900.00
134	5	EA	BACKFLOW PREVENTER ASSEMBLY ENCLOSURE	1,990.00	9,950.00	2,300.00	11,500.00	2,500.00	12,500.00
135	1	EA	1" WYE STRAINER (INCLUDING BOX)	102.00	102.00	250.00	250.00	250.00	250.00
136	8	EA	1-1/4" WYE STRAINER (INCLUDING BOX)	120.00	960.00	250.00	2,000.00	250.00	2,000.00

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BID SUMMARY				ENGINEER'S ESTIMATE		RGW CONSTRUCTION, INC. 43801 OSGOOD ROAD FREMONT, CA 94539 (510) 490-1070		FCI CONSTRUCTORS, INC. 90 GREAT OAKS BL., STE 105 SAN JOSE, CA 95119 (408) 227-2735	
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
137	1	EA	1-1/2" WYE STRAINER (INCLUDING BOX)	160.00	160.00	250.00	250.00	250.00	250.00
			SEWER AND WATER						
138	2	EA	ABANDON SEWER LATERALS	1,000.00	2,000.00	100.00	200.00	500.00	1,000.00
139	3	EA	REMOVE SEWER LATERALS	1,000.00	3,000.00	2,000.00	6,000.00	2,500.00	7,500.00
140	5	EA	RECONNECT SEWER LATERALS	1,000.00	5,000.00	1,000.00	5,000.00	1,500.00	7,500.00
141	691	LF	8" PVC SEWER PIPE	30.00	20,730.00	48.00	33,168.00	75.00	51,825.00
142	860	LF	15" PVC SEWER PIPE	40.00	34,400.00	72.00	61,920.00	85.00	73,100.00
143	135	LF	15" DUCTILE IRON SEWER PIPE	75.00	10,125.00	335.00	45,225.00	100.00	13,500.00
144	10	EA	48" PRECAST CONCRETE PIPE SEWER MANHOLE	5,000.00	50,000.00	3,600.00	36,000.00	6,000.00	60,000.00
145	2	EA	8" SANITARY SEWER CLEANOUT	1,500.00	3,000.00	935.00	1,870.00	1,000.00	2,000.00
146	845	LF	12" WATER PIPE	40.00	33,800.00	42.00	35,490.00	65.00	54,925.00
147	640	LF	6" WATER PIPE	30.00	19,200.00	35.00	22,400.00	90.00	57,600.00
148	7	EA	6" GATE VALVE	500.00	3,500.00	381.00	2,667.00	750.00	5,250.00
149	4	EA	12" GATE VALVE	800.00	3,200.00	700.00	2,800.00	2,000.00	8,000.00
150	1	EA	RECONSTRUCT WATER SERVICE	1,000.00	1,000.00	2,600.00	2,600.00	2,000.00	2,000.00
151	1	LS	ADMINISTRATIVE CHANGE ORDERS	360,000.00	360,000.00	360,000.00	360,000.00	360,000.00	360,000.00
			TOTAL		5,454,977.00		7,138,137.00		7,746,197.50

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			<b>ROADWAY AND DRAINAGE</b>						
1	1	LS	MOBILIZATION	150,000.00	150,000.00	150,000.00	150,000.00		0.00
2	1	LS	STORMWATER POLLUTION PREVENTION PLAN (SWPPP)	15,000.00	15,000.00	10,000.00	10,000.00		0.00
3	1	LS	WATER POLLUTION CONTROL	35,000.00	35,000.00	75,000.00	75,000.00		0.00
4	1	LS	TEMPORARY PARKING AREA	10,000.00	10,000.00	30,000.00	30,000.00		0.00
5	5	EA	TYPE II BARRICADE	150.00	750.00	60.00	300.00		0.00
6	50	EA	TYPE III BARRICADE	150.00	7,500.00	300.00	15,000.00		0.00
7	34	EA	CHANNELIZER (SURFACE MOUNTED)	50.00	1,700.00	50.00	1,700.00		0.00
8	46	EA	PORTABLE FLASHING BEACONS	575.00	26,450.00	60.00	2,760.00		0.00
9	160	LF	TEMPORARY RAILING (TYPE K)	25.00	4,000.00	35.00	5,600.00		0.00
10	14	EA	TEMPORARY CRASH CUSHION MODULE	600.00	8,400.00	400.00	5,600.00		0.00
11	1	LS	CONSTRUCTION AREA SIGNS (INCLUDING DETOUR SIGNS)	5,000.00	5,000.00	15,000.00	15,000.00		0.00
12	1	LS	SHEETING, SHORING, AND BRACING	250,000.00	250,000.00	50,000.00	50,000.00		0.00
13	1,007	LF	REMOVE FENCE	5.00	5,035.00	10.00	10,070.00		0.00
14	192	LF	RECONSTRUCT CHAIN LINK FENCE	15.00	2,880.00	20.00	3,840.00		0.00
15	1	EA	RELOCATE CHAIN LINK GATE	300.00	300.00	2,000.00	2,000.00		0.00
16	2,377	SY	REMOVE ASPHALT PAVEMENT	10.00	23,770.00	15.00	35,655.00		0.00
17	325	LF	REMOVE PIPE LINES	25.00	8,125.00	30.00	9,750.00		0.00
18	7	EA	REMOVE DRAINAGE INLET	700.00	4,900.00	500.00	3,500.00		0.00
19	150	LF	REMOVE REINFORCED CONCRETE BOX CULVERT (INCLUDING HEADWALLS & WINGWALLS)	70.00	10,500.00	3 0 0 . 0 0	45,000.00		0.00
20	2	EA	REMOVE STORM DRAIN MANHOLE	1,200.00	2,400.00	1,500.00	3,000.00		0.00
21	50	SY	REMOVE GROUTED RIP-RAP	10.00	500.00	50.00	2,500.00		0.00

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
22	215	SY	REMOVE CONCRETE PAD FOUNDATION AND FOOTINGS	15.00	3,225.00	55.00	11,825.00		0.00
23	2,392	LF	REMOVE CONCRETE CURB	3.00	7,176.00	6.00	14,352.00		0.00
24	2,534	LF	REMOVE CONCRETE CURB & GUTTER	4.00	10,136.00	12.00	30,408.00		0.00
25	1,237	SY	REMOVE CONCRETE SIDEWALK	8.00	9,896.00	25.00	30,925.00		0.00
26	285	SY	REMOVE CONCRETE BRIDGE SLAB AND FOOTINGS	25.00	7,125.00	25.00	7,125.00		0.00
27	50	LF	REMOVE CONCRETE LINED TRAPEZOIDAL CHANNEL	100.00	5,000.00	50.00	2,500.00		0.00
28	125	SY	REMOVE CONCRETE DRIVEWAY APPROACH	8.00	1,000.00	25.00	3,125.00		0.00
29	45	SY	REMOVE CONCRETE PAVEMENT	8.00	360.00	55.00	2,475.00		0.00
30	23	EA	REMOVE ROADSIDE SIGN	100.00	2,300.00	100.00	2,300.00		0.00
31	1	EA	RELOCATE EXISTING SIGN	500.00	500.00	500.00	500.00		0.00
32	2	EA	ADJUST SEWER MANHOLE FRAME AND COVER TO GRADE	500.00	1,000.00	1,500.00	3,000.00		0.00
33	233	SY	COLD PLANE ASPHALT CONCRETE PAVEMENT	5.00	1,165.00	10.00	2,330.00		0.00
34	1	LS	CLEARING & GRUBBING	50,000.00	50,000.00	50,000.00	50,000.00		0.00
35	50,200	CY	ROADWAY EXCAVATION	7.00	351,400.00	16.00	803,200.00		0.00
35A	420	CY	CHANNEL EXCAVATION	7.00	2,940.00	35.00	14,700.00		0.00
36	1	LS	SHOOFLY GRADING, SHORING, AND REMOVAL	180,000.00	180,000.00	500,000.00	500,000.00		0.00
37	600	CY	ROADWAY PERMEABLE MATERIAL (CLASS 1, TYPE A)	40.00	24,000.00	60.00	36,000.00		0.00
38	8,485	CY	AGGREGATE BASE (CLASS 2)	22.00	186,670.00	40.00	339,400.00		0.00
39	27	TON	SLURRY SEAL (TYPE II)	100.00	2,700.00	500.00	13,500.00		0.00
40	4,099	TON	ASPHALT CONCRETE (TYPE A)	55.00	225,445.00	40.00	163,960.00		0.00
41	3,680	SF	MINOR CONCRETE (DRIVEWAY PAVEMENT)	7.50	27,600.00	8.00	29,440.00		0.00
42	3,060	SF	MINOR CONCRETE (DRIVEWAY)	8.00	24,480.00	10.00	30,600.00		0.00

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
43	635	LF	MINOR CONCRETE (RETAINING WALL GUTTER)	10.00	6,350.00	15.00	9,525.00		0.00
44	2,433	LF	MINOR CONCRETE (ISLAND CURB 6" CF)	8.00	19,464.00	20.00	48,660.00		0.00
45	30	LF	MINOR CONCRETE (ISLAND CURB 8" CF)	8.00	240.00	25.00	750.00		0.00
46	3,937	LF	MINOR CONCRETE (CURB & GUTTER)	11.00	43,307.00	25.00	98,425.00		0.00
47	120	LF	MINOR CONCRETE (MODIFIED CURB & GUTTER)	20.00	2,400.00	25.00	3,000.00		0.00
48	365	LF	MINOR CONCRETE (MODIFIED STANDARD ISLAND CURB)	20.00	7,300.00	20.00	7,300.00		0.00
49	2	EA	MINOR CONCRETE (GUTTER DEPRESSION - CALTRANS D78)	500.00	1,000.00	1,000.00	2,000.00		0.00
50	5	EA	MINOR CONCRETE (GUTTER FLARE - CITY STD)	500.00	2,500.00	1,000.00	5,000.00		0.00
51	8,900	SF	MINOR CONCRETE (SIDEWALK)	5.50	48,950.00	5.00	44,500.00		0.00
52	293	SF	MINOR CONCRETE (CURB RAMP)	8.50	2,490.50	10.00	2,930.00		0.00
53	746	SF	MINOR CONCRETE (VALLEY GUTTER)	6.50	4,849.00	10.00	7,460.00		0.00
54	3,555	SQFT	12" WIDE CONCRETE MAINTENANCE STRIP	7.50	26,662.50	10.00	35,550.00		0.00
55	803	LF	REINFORCED CONCRETE BOX CULVERT	550.00	441,650.00	400.00	321,200.00		0.00
56	1	EA	REINFORCED CONCRETE JUNCTION BOX	10,000.00	10,000.00	7,500.00	7,500.00		0.00
57	1	EA	REINFORCED CONCRETE WINGWALL (L = 30')	2,500.00	2,500.00	12,000.00	12,000.00		0.00
58	1	EA	REINFORCED CONCRETE WINGWALL (L = 32')	3,500.00	3,500.00	14,000.00	14,000.00		0.00
59	2,083	CY	STRUCTURE BACKFILL (BOX CULVERT)	25.00	52,075.00	25.00	52,075.00		0.00
60	7,330	SY	ENGINEERING FILTER FABRIC	2.00	14,660.00	5.00	36,650.00		0.00

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ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
61	65	EA	CONCRETE PARKING BUMPERS	50.00	3,250.00	20.00	1,300.00		0.00
62	50	LF	12" RCP (CLASS IV)	30.00	1,500.00	250.00	12,500.00		0.00
63	59	LF	18" RCP (CLASS IV)	100.00	5,900.00	275.00	16,225.00		0.00
64	205	LF	24" RCP (CLASS IV)	50.00	10,250.00	250.00	51,250.00		0.00
65	121	LF	36" RCP (CLASS IV)	70.00	8,470.00	375.00	45,375.00		0.00
66	106	LF	66" RCP (CLASS IV)	100.00	10,600.00	400.00	42,400.00		0.00
67	2,200	LF	6" PERFORATED PVC UNDERDRAIN (WITH SADDLE CONNECTIONS, FILTER FABRIC, PERMEABLE MATERIAL & CLEANOUT)	20.00	44,000.00	8.00	17,600.00		0.00
68	490	LF	4" PERFORATED PVC MEDIAN DRAIN (WITH FILTER FABRIC, DRAINAGE ELEMENT, PERM.MAT., & CONNECTIONS)	10.00	4,900.00	6.00	2,940.00		0.00
69	1	EA	DOWNDRAIN BOX (12" X 18")	2,000.00	2,000.00	1,000.00	1,000.00		0.00
70	2	EA	TYPE "GO" INLET	5,000.00	10,000.00	1,200.00	2,400.00		0.00
71	5	EA	AREA DRAIN PER CITY STD	1,000.00	5,000.00	1,250.00	6,250.00		0.00
72	4	EA	12"X18" DRAIN BOX	1,000.00	4,000.00	1,250.00	5,000.00		0.00
73	5	EA	TYPE "A" INLET	3,000.00	15,000.00	1,500.00	7,500.00		0.00
74	1	EA	TYPE "D" INLET	3,000.00	3,000.00	1,500.00	1,500.00		0.00
75	3	EA	STORM DRAIN MANHOLE	3,500.00	10,500.00	3,500.00	10,500.00		0.00
76	3	EA	STORM DRAIN MANHOLE (BOX CULVERT)	3,000.00	9,000.00	2,500.00	7,500.00		0.00
77	1	LS	SLOPED PROTECTION BARRIER	5,000.00	5,000.00	15,000.00	15,000.00		0.00
78	950	LF	CHAIN LINK FENCE (3' HIGH - VINYL CLAD)	12.00	11,400.00	10.00	9,500.00		0.00
79	220	LF	CHAIN LINK FENCE (6' HIGH - UNCLAD)	12.00	2,640.00	10.00	2,200.00		0.00
80	565	LF	CHAIN LINK FENCE (6' HIGH - VINYL CLAD)	15.00	8,475.00	12.00	6,780.00		0.00



CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5 195  
BIDS OPENED: JUNE 1, 2000

(NUMBER OF BIDS RECEIVED - 5)

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
81	2	EA	CHAIN LINK GATE (3' WIDE, VINYL CLAD)	125.00	250.00	350.00	700.00		0.00
82	3	EA	CHAIN LINK GATE (12' WIDE, VINYL CLAD)	500.00	1,500.00	1,000.00	3,000.00		0.00
83	2	EA	CHAIN LINK GATE (18' WIDE, VINYL CLAD)	800.00	1,600.00	1,500.00	3,000.00		0.00
84	1	EA	CHAIN LINK GATE (30' WIDE, VINYL CLAD)	1,000.00	1,000.00	3,000.00	3,000.00		0.00
85	264	LF	WOOD FENCE (4' HIGH)	18.00	4,752.00	35.00	9,240.00		0.00
86	40	LF	WOOD FENCE (6' HIGH)	20.00	800.00	40.00	1,600.00		0.00
87	1	LS	CONCRETE PANEL SOUNDWALL (10' HIGH)	30,000.00	30,000.00	20,000.00	20,000.00		0.00
88	28	EA	ROADSIDE SIGN (1 POST)	200.00	5,600.00	250.00	7,000.00		0.00
89	1	EA	ROADSIDE SIGN (2 POST)	500.00	500.00	400.00	400.00		0.00
90	2	EA	ROADSIDE SIGN (TYPE 33 W/ SIGN PANELS)	5,000.00	10,000.00	25,000.00	50,000.00		0.00
91	781	SF	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	4.00	3,124.00	10.00	7,810.00		0.00
92	8,605	LF	PAINT TRAFFIC STRIPE AND PARKING LOT STRIPING (2-COAT)	2.00	17,210.00	2.00	17,210.00		0.00
93	97	EA	PAVEMENT MARKER (REFLECTIVE)	5.00	485.00	12.00	1,164.00		0.00
94	50	EA	PAVEMENT MARKER (NON- REFLECTIVE)	5.00	250.00	10.00	500.00		0.00
95	452	LF	REDWOOD HEADER	3.00	1,356.00	5.00	2,260.00		0.00
96	53	CY	ROCK SLOPE PROTECTION (FACING, METHOD B)	50.00	2,650.00	75.00	3,975.00		0.00
			<b>BRIDGE AND RETAINING WALLS</b>						
97	1,700	CY	STRUCTURE EXCAVATION (BRIDGE)	50.00	85,000.00	75.00	127,500.00		0.00
98	1,530	CY	STRUCTURE EXCAVATION (RETAINING WALL)	35.00	53,550.00	75.00	114,750.00		0.00
99	700	CY	STRUCTURE BACKFILL (BRIDGE)	39.20	27,440.00	25.00	17,500.00		0.00

CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5 195  
BIDS OPENED: JUNE 1, 2000

(NUMBER OF BIDS RECEIVED - 5)

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
100	1,050	CY	STRUCTURE BACKFILL (RETAINING WALL)	21.00	22,050.00	25.00	26,250.00		0.00
101	4,903	LF	FURNISH PILING (CLASS 100)	16.00	78,448.00	30.00	147,090.00		0.00
102	144	EA	DRIVE PILE (CLASS 100)	1,060.00	152,640.00	750.00	108,000.00		0.00
103	2,331	LF	FURNISH PILING (CLASS 70)	9.60	22,377.60	30.00	69,930.00		0.00
104	54	EA	DRIVE PILE (CLASS 70)	970.00	52,380.00	750.00	40,500.00		0.00
105	3,286	LF	FURNISH PILING (CLASS 45)	8.70	28,588.20	30.00	98,580.00		0.00
106	90	EA	DRIVE PILE (CLASS 45)	890.00	80,100.00	1,000.00	90,000.00		0.00
107	754	CY	STRUCTURAL CONCRETE, BRIDGE FOOTING	270.00	203,580.00	400.00	301,600.00		0.00
108	561	CY	STRUCTURAL CONCRETE, BRIDGE	300.00	168,300.00	450.00	252,450.00		0.00
109	510	CY	STRUCTURAL CONCRETE, RETAINING WALL	310.00	158,100.00	500.00	255,000.00		0.00
110	16	EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (60'-70')	4,500.00	72,000.00	20,000.00	320,000.00		0.00
10A	16	EA	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (28'-30')	4,500.00	72,000.00	10,000.00	160,000.00		0.00
111	32	EA	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	2,000.00	64,000.00	1,000.00	32,000.00		0.00
112	203,000	LB	BAR REINFORCING STEEL (BRIDGE)	0.52	105,560.00	0.75	152,250.00		0.00
113	41,500	LB	BAR REINFORCING STEEL (RETAINING WALL)	0.46	19,090.00	0.75	31,125.00		0.00
114	5,952	SQFT	WATERPROOFING AND COVER	4.10	24,403.20	10.00	59,520.00		0.00
115	6,400	LB	MISCELLANEOUS METAL (BRIDGE)	3.50	22,400.00	15.00	96,000.00		0.00
116	50	CY	SLOPE PAVING (CONCRETE)	350.00	17,500.00	300.00	15,000.00		0.00
117	460	LF	CHAIN LINK RAILING (TYPE 7)	32.00	14,720.00	20.00	9,200.00		0.00
118	1	LS	PUMP STATION	160,000.00	160,000.00	175,000.00	175,000.00		0.00
119	67	LF	10" ACP DRAINAGE PIPE	100.00	6,700.00	75.00	5,025.00		0.00

CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5 195  
BIDS OPENED: JUNE 1, 2000

(NUMBER OF BIDS RECEIVED - 5)

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			SIGNALS, LIGHTING, AND ELECTRICAL SYSTEMS						
120	1	LS	LIGHTING	50,000.00	50,000.00	50,000.00	50,000.00		0.00
121	1	LS	TEMPORARY TRAFFIC SIGNAL SYSTEM (LUND/SOTO)	60,000.00	60,000.00	95,000.00	95,000.00		0.00
122	1	LS	SIGNAL INTERCONNECT CONDUIT, PULLBOXES, & CONDUCTORS	26,000.00	26,000.00	60,000.00	60,000.00		0.00
123	1	LS	TEMPORARY TRAFFIC SIGNAL MODIFICATIONS (GADING/HARDER)	24,000.00	24,000.00	10,000.00	10,000.00		0.00
124	1	LS	TEMPORARY TRAFFIC SIGNAL MODIFICATIONS (SOTO/HARDER)	5,000.00	5,000.00	7,500.00	7,500.00		0.00
125	1	LS	ELECTRIC SERVICES (IRRIGATION)	7,500.00	7,500.00	1,500.00	1,500.00		0.00
			LANDSCAPE AND IRRIGATION						
126	1	LS	IRRIGATION	140,500.00	140,500.00	125,000.00	125,000.00		0.00
127	1	LS	LANDSCAPE	117,200.00	117,200.00	60,000.00	60,000.00		0.00
128	1	LS	PLANT ESTABLISHMENT (365 CALENDAR DAYS)	10,800.00	10,800.00	20,000.00	20,000.00		0.00
129	5	EA	IRRIGATION CONTROLLER ENCLOSURE CABINET	1,820.00	9,100.00	12,500.00	62,500.00		0.00
130	16	EA	TRANSPLANT EXISTING TREES	2,800.00	44,800.00	13,000.00	208,000.00		0.00
131	1	EA	MAINTENANCE VEHICLE PULLOUTS	6,000.00	6,000.00	1,500.00	1,500.00		0.00
132	4,890	SQFT	INTERLOCKING PAVING	7.50	36,675.00	8.00	39,120.00		0.00
133	26	EA	STEEL BOLLARDS	160.00	4,160.00	6,000.00	156,000.00		0.00
134	5	EA	BACKFLOW PREVENTER ASSEMBLY ENCLOSURE	1,990.00	9,950.00	11,500.00	57,500.00		0.00
135	1	EA	1" WYE STRAINER (INCLUDING BOX)	102.00	102.00	250.00	250.00		0.00
136	8	EA	1-1/4" WYE STRAINER (INCLUDING BOX)	120.00	960.00	2,000.00	16,000.00		0.00

CITY OF HAYWARD  
HARDER ROAD UNDERPASS  
PROJECT NO. 5195  
BIDS OPENED: JUNE 1, 2000

(NUMBER OF BIDS RECEIVED - 5)

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BID SUMMARY				ENGINEER'S ESTIMATE		SHIMMICK CONST. CO., INC. 24200 CLAWITER ROAD HAYWARD, CA 94545 (510) 293-1100			
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
137	1	EA	1-1/2" WYE STRAINER (INCLUDING BOX)	160.00	160.00	250.00	250.00		0.00
			SEWER AND WATER						
138	2	EA	ABANDON SEWER LATERALS	1,000.00	2,000.00	1,000.00	2,000.00		0.00
139	3	EA	REMOVE SEWER LATERALS	1,000.00	3,000.00	2,500.00	7,500.00		0.00
140	5	EA	RECONNECT SEWER LATERALS	1,000.00	5,000.00	1,500.00	7,500.00		0.00
141	691	LF	8" PVC SEWER PIPE	30.00	20,730.00	250.00	172,750.00		0.00
142	860	LF	15" PVC SEWER PIPE	40.00	34,400.00	315.00	270,900.00		0.00
143	135	LF	15" DUCTILE IRON SEWER PIPE	75.00	10,125.00	850.00	114,750.00		0.00
144	10	EA	48" PRECAST CONCRETE PIPE SEWER MANHOLE	5,000.00	50,000.00	10,000.00	100,000.00		0.00
145	2	EA	8" SANITARY SEWER CLEANOUT	1,500.00	3,000.00	1,500.00	3,000.00		0.00
146	845	LF	12" WATER PIPE	40.00	33,800.00	200.00	169,000.00		0.00
147	640	LF	6" WATER PIPE	30.00	19,200.00	220.00	140,800.00		0.00
148	7	EA	6" GATE VALVE	500.00	3,500.00	1,500.00	10,500.00		0.00
149	4	EA	12" GATE VALVE	800.00	3,200.00	2,500.00	10,000.00		0.00
150	1	EA	RECONSTRUCT WATER SERVICE	1,000.00	1,000.00	25,000.00	25,000.00		0.00
151	1	LS	ADMINISTRATIVE CHANGE ORDERS	360,000.00	360,000.00	360,000.00	360,000.00		0.00
			TOTAL		5,454,977.00		8,740,134.00		

# DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION APPROVING ADDENDA NOS. 1 AND 2,  
AND AWARDING CONTRACT TO **DeSILVA GATES-**  
HARRIS JOINT VENTURE FOR THE HARDER ROAD  
GRADE SEPARATION PROJECT, PROJECT NO. 5195

WHEREAS, by resolution on April 18, 2000, the City Council approved the plans and specifications for the Harder Road Grade Separation Project, Project No. 5195, and called for bids to be received on May 23, 2000; and

WHEREAS, Addendum No. 1 made corrections and clarified the plans and specifications and extended the bid opening date; and Addendum No. 2 was issued to allow minor changes to the specifications for clarification; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addenda Nos. 1 and 2 are hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that DeSilva Gates-Harris Joint Venture is hereby awarded the contract for the Harder Road Grade Separation Project, Project No. 5195, in an amount not to exceed **\$6,796,457**, in accordance with the plans and specifications adopted **therefor** and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute the contract with DeSilva Gates-Harris Joint Venture in the name of and for and on behalf of the City of Hayward in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward

# DRAFT

HAYWARD CITY COUNCIL 

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION AUTHORIZING THE CITY MANAGER  
TO EXECUTE AN AGREEMENT WITH URS, INC. FOR THE  
RESIDENT STRUCTURAL ENGINEER SERVICES FOR  
HARDER ROAD GRADE SEPARATION PROJECT,  
PROJECT NO. 5195

WHEREAS, by resolution on April **18, 2000**, the City Council authorized the City Manager to negotiate and execute an agreement for the Harder Road Grade Separation Project, Project No, 5195, for Resident Structural Engineer services with Parsons Brinckherhoff Construction Services (**PBCS**) and staff was unable to reach a final agreement with PBCS; and

WHEREAS, URS, Inc. was staffs second choice based upon their proposed staff, their experience in similar grade separation bridge projects, and having former Union. Pacific Railroad employees on their staff, and successfully negotiated a **\$160,000** not-to-exceed consultant fee, including potential additional services;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to execute, on behalf of the City of Hayward, an agreement with URS, Inc. for Resident Structural Engineer services for the Harder Road Grade Separation Project, Project No. 5195, in an amount not to exceed \$160,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward



# DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

RESOLUTION AMENDING RESOLUTION NO. ~~00-089~~,  
THE BUDGET RESOLUTION FOR CAPITAL PROJECTS  
FOR FISCAL YEAR ~~2000-2001~~, RELATING TO AN  
APPROPRIATION OF FUNDS FOR THE HARDER ROAD  
GRADE SEPARATION PROJECT, PROJECT NO. 5195

BE IT RESOLVED by the City Council of the City of Hayward that Resolution  
No. ~~00-089~~, the Budget Resolution for Capital Projects for fiscal year ~~2000-2001~~, is hereby  
amended by appropriating an additional **\$1,370,000** from the Street System Improvement  
Fund, Fund 413, to the Harder Road Grade Separation Project, Project No. 5195.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 2000

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward